

Pressure and calibration accessories

Fluke 700PRV-1 Pressure Relief Valve Kit (continued)

Application: To be used with the 700HTP-1 Hydraulic Test Pump. The 700PRV-1 uses a multi-turn adjustment screw to set preload on internal disc springs. This relief valve will protect the most commonly used Fluke pressure modules and pressure instruments from damage due to accidental over-pressurization.

Features:

- Adjustable from 725 to 5800 PSI (50 to 200 bar)
- Preset at 2,900 psi/200 bar)
- Repeatability to 10% of nominal setting.
- Installs directly into the 700HTP-2 pump

Included:

- One adjustable relief valve
- Instruction sheet

Size: 1.52 in by 0.62 in diameter (38 mm by 16 mm diameter)

Weight: 1.6 oz (46 g)

Warranty: One year

Material: Type 303 stainless steel

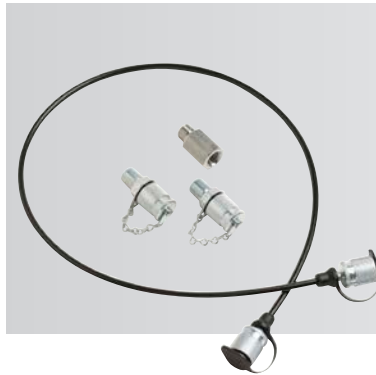
Fluke 700HTH-1 Hydraulic Test Hose

Description: The Fluke 700HTH-1 hydraulic test hose is a 10,000 psi, 690 bar working pressure test hose that features stainless steel and nylon construction for use in connecting a Fluke-700HTP-2 or other hydraulic test pump to a unit under test.

Application: The Fluke 700HTH-1 enables connection to both a Fluke pressure module and a calibration unit under test from a Fluke 700HTP-2 hydraulic test pump simultaneously. 700HTH-1 is compatible with water and non-corrosive oil.

Features:

- Hose and fittings to connect directly to the Fluke 700HTP-2 test pressure port



Fluke 700HTH-1

- Includes plugs and caps to eliminate fluid loss in hose, eliminates the need to re-prime the hose.
- Self-sealing fittings with easy finger tight connections.
- Low volumetric expansion and a negligible pressure drop at rated pressures

Included:

- Hose with (2) 1/4 in NPT female output connections
- (2) adapters that to convert 1/4: NPT female to 1/4 in NPT male (include sealing caps)
- 1/4 in NPT female to 1/4 in BSP male adapter
- Instruction sheet

Minimum bend radius: 60 mm/ 2.36 in.

Working temperature: - 40 °C to + 120 °C, (- 40 °F to + 250 °F)

Material: Nylon, stainless steel, zinc, plated steel, and nitrile

Dimensions: 0.84 m (33 in) long without adapter fittings

Weight: 0.910 oz (412 g)

Warranty: One year

Fluke 700LTP-1 Low-pressure Test Pump

Description: The Fluke 700LTP-1 is a hand operated pressure pump designed to generate either vacuum to -13 psi/ -.90 bar or pressures to 100 psi/ 6.9 bar. The Fluke 700LTP-1 has two pressure ports with quick fit connectors.



Fluke 700LTP-1

Test hoses are terminated with 1/8 in NPT female fittings that can be adapted using the BSP/ISO adapters.

Application: For use with 750P series pressure modules and 717 pressure calibrators. Ideal for low pressure applications requiring accurate low pressure testing.

Features:

- Pump can be easily cleaned without disassembly.
- Adjustable pressure release valve with slow-bleed capability
- Allows the slow release pressure at a controlled rate
- Slim design, easy to carry and use
- Quick fit connectors, one for the reference port for connection to a Fluke 750P series pressure module and one to connect to a unit under test

Included:

- (2) adapters to convert the reference and UUT port hose fitting to 1/4 in BSP female
- Adapter to convert the reference port hose fitting to 1/4 in NPT female for connection to 750P series pressure modules
- One seal kit
- Instruction sheet in English
- 3.5 feet nylon hose
- 1/8 in T-Adapter
- (4) 1/8 in Male quick connect fittings

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Fluke 700LTP-1 Low-pressure Test Pump (continued)

Size: Length 5.9 in (150 mm), width 4 in (100 mm), depth 1.25 in (32 mm)

Weight: 0.5 lb (226 g) (pump only)

Warranty: One year

Material: Aluminum, silicon, neoprene, stainless steel, Buna-N

Fluke 700ILF In-line Filter

For use with: Fluke 717 and 718 Pressure Calibrators

Description: Use to isolate calibrator from contact with liquids. Input is 1/8 in NPT female. Output is 1/8 in NPT Male.

Application: The Fluke 700ILF can be used to isolate the calibrator from incidental contact with fluids present in the gas

medium being measured. Particularly useful with the 718 calibrator to help keep moisture or oils from contaminating the on-board pump. The 1/8 in NPT male threaded output threads directly into the 717 and 718 calibrators. Maximum pressure is 100 psi. Burst pressure is 375 psi. Maximum flow is 10 SCFM and filtration to 1 micron.

Included: One disposable filter

Dimensions: 2.125 in x 1.875 in

Weight: 4.1 oz (115g)

Fluke 71XTrap Liquid and Dirt Trap

For use with: Fluke 718, 719 and 719Pro Pressure Calibrators

Description: Use to help mitigate the risk of accidental exposure to moisture and dirt in at-risk applications. Working pressure to 300 PSI.

Dimensions: 2.61 in x 1.97 in x 1 in

Weight: 5.15 oz (146 g)

Fluke 700PCK Pressure Calibration Kit

For use with: Fluke 700 and 750 Series Pressure Modules.

Description: The Fluke 700PCK makes it possible to calibrate your pressure modules at your facility using your own precision pressure standards.

Application: When installed on your PC, the Windows®-based software easily steps you through an as-found verification, a calibration adjustment, and an as-left verification. Calibration data is captured for import to your database. A PC running Windows XP or later is required, along with a precision pressure standard with an uncertainty of less than 1/4 that of the pressure module being verified.

Included: The kit consists of a power supply, an interface adapter, appropriate cables, and Fluke 700PCK Version 4 Pressure Module Calibration software.

Warranty: One year

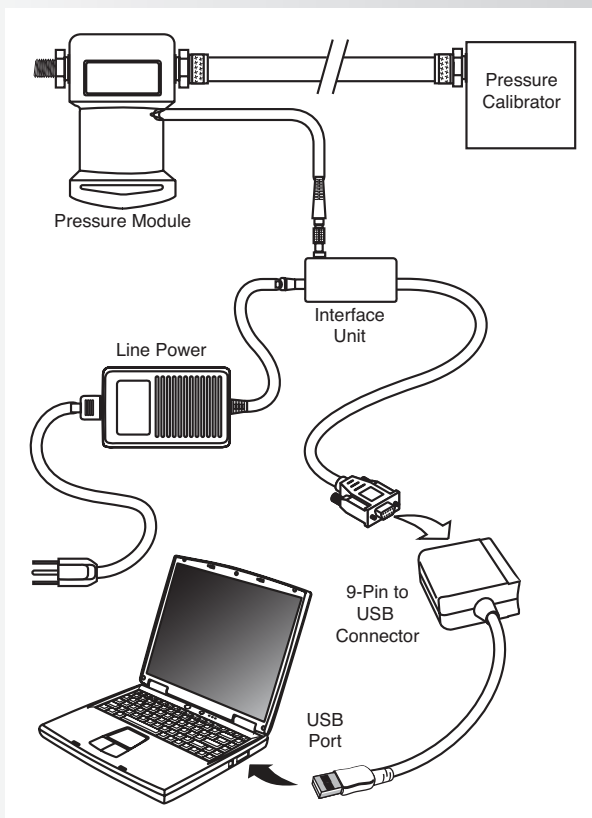
Fluke 787CAL Calibration Module

For use with: Fluke 787 ProcessMeter™ and MET/CAL Software.

Description: The Fluke 787CAL module permits users and service facilities to perform automated MET/CAL verifications and calibrations of the Fluke 787 ProcessMeter™.

Application: The calibration module provides a 9 volt dc supply to the 787. At the same time, it facilitates RS232 communication from the PC running MET/CAL to the 787 over the battery leads of the 787.

Included: A calibration manual, MET/CAL procedures, and an interface module that permits serial communication between a 787 and a PC.



Fluke 700PCK

Pressure and calibration accessories

Fluke 787CAL Calibration Module (continued)

Note: An installation of MET/CAL Calibration Software plus appropriate calibration equipment must be provided by the user.

Required Calibration Equipment for use with the Fluke 787CAL Calibration Accessory:
 Fluke Model 5500 or 5520 Calibrator
 HP3458 DMM or **HP34401 DMM,
 Fluke 5440A-7002 Test Lead set
 Fluke RS43 Null Modem Cable
 Personal Computer, 486 or better,
 IBM compatible
 Fluke MET/CAL Calibration Software,
 Version 6.0 or later
 **HP34401 for use only with 5520A only
 5500A requires HP3458 DMM

Fluke 700-IV Current Shunt

For use with: Fluke 701, 702, 740, and 750 Series Documenting Process Calibrators.

Description:

Conversion factor:
 10 mV = 1 mA

Accuracy (% of input, 1 year):
 0.025 %

Input current: 0 to 55 mA

Input resistance: 250Ω, nominal

Output resistance: 10Ω, nominal

Accuracy specification applies from +18°C and 28-50°C

Maximum input voltage: 30V dc

Application: Use the Fluke 700-IV Current Shunt to calibrate and troubleshoot mA/mA devices. On a 74X or 75X Documenting Process Calibrators, Source mA and Measure V dc. The custom units



Fluke 700-IV

function of the calibrator automatically provides the correct conversion, and directly displays/captures the current in mA.

Included: Shunt, instruction sheet.

Warranty: One year

Fluke 700TC1 Thermocouple Mini-Plug Kit (10 types)

For use with: Fluke 75X or 72X Series Process Calibrators, Fluke 714 Thermocouple Calibrator.

Description: A kit of 10 mini-plug connectors supporting each of the thermocouple types supported by the Fluke 700 or 740 Series Documenting Process Calibrators.

Application: Terminate user-supplied thermocouple wire to permit connection to a process calibrator.

Included mini plugs

- Type J (black), one
- Type K (yellow), one
- Type T (blue), one
- Type E (purple), one
- Type R/S (green), one
- Type B or Cu (white), one
- Type L (J-DIN) (blue), one
- Type U (T-DIN) (brown), one
- Type C (red), one
- Type N (orange), one



Fluke 700TC1

Material: Thermoplastic plug bodies; contacts of appropriate thermocouple metallurgy.

Warranty: One year

Fluke 700TC2 Thermocouple Mini-Plug Kit Type J, K, T, E, R/S

For use with: Fluke 75X or 72X Series Process Calibrators, Fluke 714 Thermocouple Calibrator.

Description: A kit of seven mini-plug connectors supporting six of the most popular thermocouple types.

Application: Terminate user-supplied thermocouple wire to permit connection to process calibrator.

Included mini plugs

Type J (black), two

Type K (yellow), two



Fluke 700TC2